

BEFORE THE BOARD OF PUBLIC EDUCATION  
OF THE STATE OF MONTANA

In the matter of the adoption of New	)	NOTICE OF ADOPTION AND
Rules I through XVII pertaining to	)	REPEAL
content standards for mathematics	)	
and repeal of ARM 10.54.4010	)	
through 10.54.4013, 10.54.4020	)	
through 10.54.4023, 10.54.4030	)	
through 10.54.4033, 10.54.4040	)	
through 10.54.4043, and 10.54.4101	)	
through 10.54.4112 relating to	)	
mathematics content standards and	)	
performance descriptors	)	

TO: All Concerned Persons

1. On September 22, 2011, the Board of Public Education published MAR Notice No. 10-53-257 pertaining to the public hearing on the proposed adoption and repeal of the above-stated rules at page 1931 of the 2011 Montana Administrative Register, Issue Number 18.

2. The board has adopted the above-stated rules as proposed:

New Rule I	ARM 10.53.501
New Rule II	ARM 10.53.502
New Rule III	ARM 10.53.503
New Rule IV	ARM 10.53.504
New Rule V	ARM 10.53.505
New Rule VI	ARM 10.53.506
New Rule VII	ARM 10.53.507
New Rule VIII	ARM 10.53.508
New Rule IX	ARM 10.53.509
New Rule X	ARM 10.53.510
New Rule XI	ARM 10.53.511
New Rule XII	ARM 10.53.512
New Rule XIII	ARM 10.53.513
New Rule XIV	ARM 10.53.514
New Rule XV	ARM 10.53.515
New Rule XVI	ARM 10.53.516
New Rule XVII	ARM 10.53.517

3. The board has repealed the above-stated rules as proposed.

4. The board has thoroughly considered the comments and testimony received. A summary of the comments received and the board's responses are as follows:

COMMENT #1: Mr. Robert Bayuk, representing the Montana Indian Education Association (MIEA), read and presented a letter thanking the board for its support, and the inclusion of Montana Indian Education for All into the content standards for mathematics. The letter also thanks the Office of Public Instruction for facilitating the process to ensure inclusion of Montana Indian Education for All into the mathematics standards.

RESPONSE: The board thanks Mr. Bayuk for his comments on behalf of Montana Indian Education for All, and concurs.

COMMENT #2: Mr. Bruce Swanson commented on his concern that the "strands and spiral" framework is embedded into the proposed mathematics standards. The use of the "strands and spiral" framework, he believes, reduces the cognitive development of students.

RESPONSE: The board thanks Mr. Swanson for his comment; however, respectfully, does not concur. The board recognizes that the proposed standards are college and career ready and more rigorous than the current mathematics content standards. The new common core standards focus on grade-by-grade learning expectations, not a spiraling framework.

The board recognizes the efforts of the Council of Chief State School Officers and National Governors Association for providing the foundational research and structure of the Common Core State Standards. In addition, the board recognizes the facilitation by the Office of Public Instruction to engage a broad review of the common core standards by Montana educators.

/s/ Peter Donovan  
Peter Donovan  
Rule Reviewer

/s/ Patty Myers  
Patty Myers, Chair  
Board of Public Education

Certified to the Secretary of State November 14, 2011.